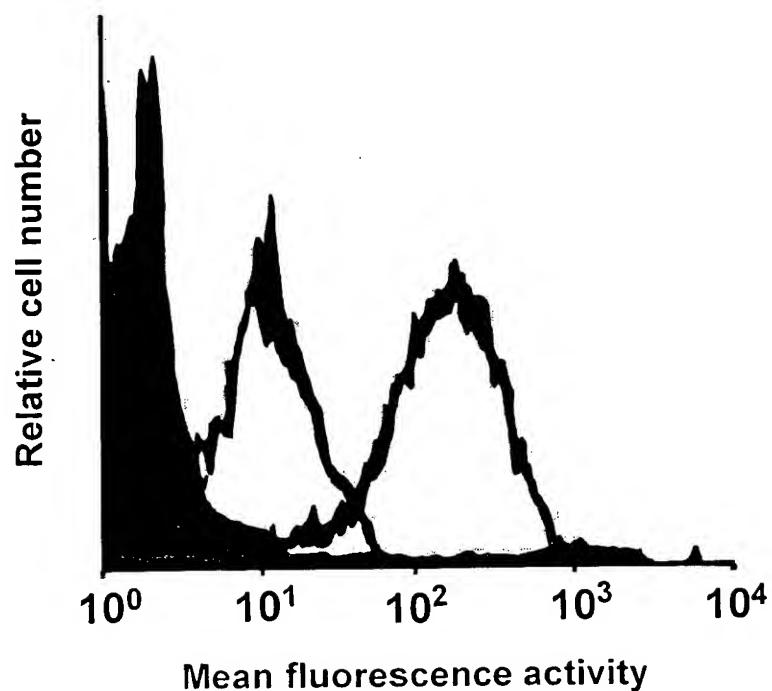




Fig. 1





	<u>A</u>	<u>A'</u>	<u>B</u>	<u>* * C</u>	<u>*C'</u>
mCTLA-4	vTq.pSVVL a SSHGVASfPcEYSPSHNTDEVRvTvLRQTNDQMTEvCAT				
rCTLA-4	vTq.pSVVL a SSHGVASfPcEYASSHNTDEVRvTvLRQTNDQVTEvCAT				
hCTLA-4	vAq.pAVVL a SSRGIA s fVcEYASPGKATEVRvTvLRQADSQVTEvCAA				
bCTLA-4	vSq.pAVVL a SSRGVASfVcEYASSHKATEVRvTvLRQANSQMTEvCAM				
mCD28	vKqSpLLVVdSN..EV S 1ScRYSYNLLAKEFRaS1YKGV.NSDVEvCVG				
rCD28	vKqSpLLVVdNN..EV S 1ScRYSYNLLAKEFRaS1YKGV.NSDVEvCVG				
bCD28	vKqSpMLVVnNN..EV N 1ScKYTYNLFSKEFRaS1YKGA.DSAVEvCVV				
hCD28	vKqSpMLVAyDN..AV N 1ScKYSYNLFSREFRaS1HKGL.DSAVEvCVV				
mICOS	aDhR.MFSFh.N.GGVQiSckyp.DIV.QQLKmR1FRE..REV..lCEL				
hICOS	aNyE.MFIFh.N.GGVQilCKyp.DIV.QQFKmQ1LKG..GQI..lCDL				
	30	40	50	60	

	<u>C''</u>	<u>D</u>	<u>E</u>	<u>F *</u>
mCTLA-4	TFTEK..NTVGFLDYPfCSgTF N ESRv N 1TiQGlRAVDTGLyLcKvE			
rCTLA-4	TFTVK..NTLGFLDDPfCSgTF N ESRv N LTiQGlRAADTGLyFcKvE			
hCLTA-4	TYMMG..NELTFLDDSI C TgTSSGNQv N 1TiQGlRAMDTGLyIcKvE			
bCTLA-4	TYTVE..NELTFI D DStCTgISHGNKv N 1TiQGlSAMDTGLyIcKvE			
mCD28	NG N FTYQPQFRSNAEfNCDgDF N ETvTfR1WN1HV N HTDIyFcKie			
rCD28	NG N FTYQPQFRPNVGFnCDgNF N ETvTfR1WN1DV N HTDIyFcKie			
bCD28	NG N FSHPHQFHSTTGFnCDgKL G NETvTfY1KN1YV N QTDIyFcKie			
hCD28	YGN N YSQQLQVYSKTGFnCDgKL G NESvTfY1QN1YV N QTDIyFcKie			
mICOS	TKTKGSGNAVS I KNP M 1CLyHLS N NSvSfF1NNpDSSQGSYyFcS1s			
hICOS	TKTKGSGNTVSIKSLKfCHsQLS N NSvSfF1YN1DHSHANYyFc N s			
	70	80	90	100
				110

	<u>G</u>
mCTLA-4	LMYPPPYF.VGMG N GTQiYvIDPEPC
rCTLA-4	LMYPPPYF.VGMG N GTQiYvIDPEPC
hCTLA-4	LMYPPYYY.LGIG N GTQiYvIDPEPC
bCTLA-4	LMYPPYYY.VGMG N GTQiYvIEPEPC
mCD28	FMYPPPYLDNERS N GTIIiHIKEKHLC
rCD28	VMYPPPYLDNEKS N GTIIiHIKEKHLC
bCD28	VMYPPPYLDNEKS N GTIIiHvKEQHFC
hCD28	VMYPPPYLDNEKS N GTIIiHvKEKHLC
mICOS	IFDPPP F QER. N LSGGY1HiYESQLC
hICOS	IFDPPP F K.V.TLTGGY1HiYESQLC
	120
	130
	136

Fig. 2

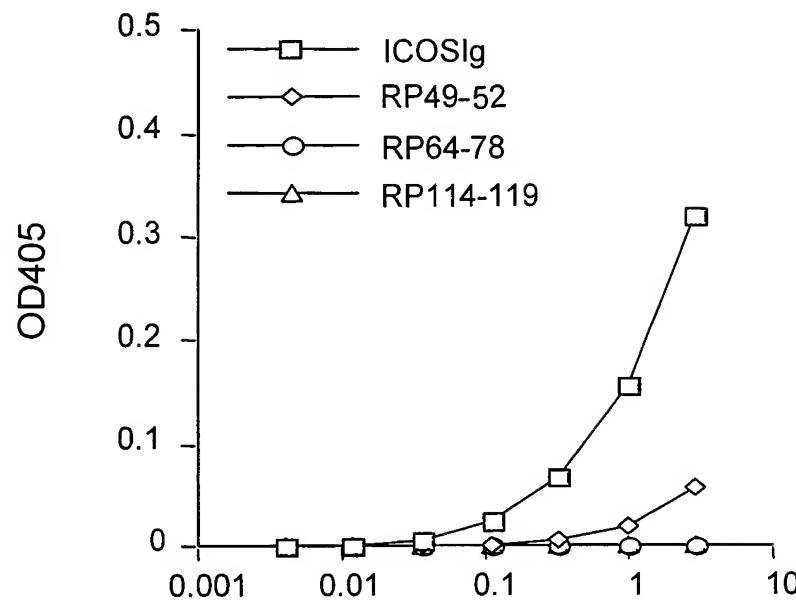


Fig. 3A

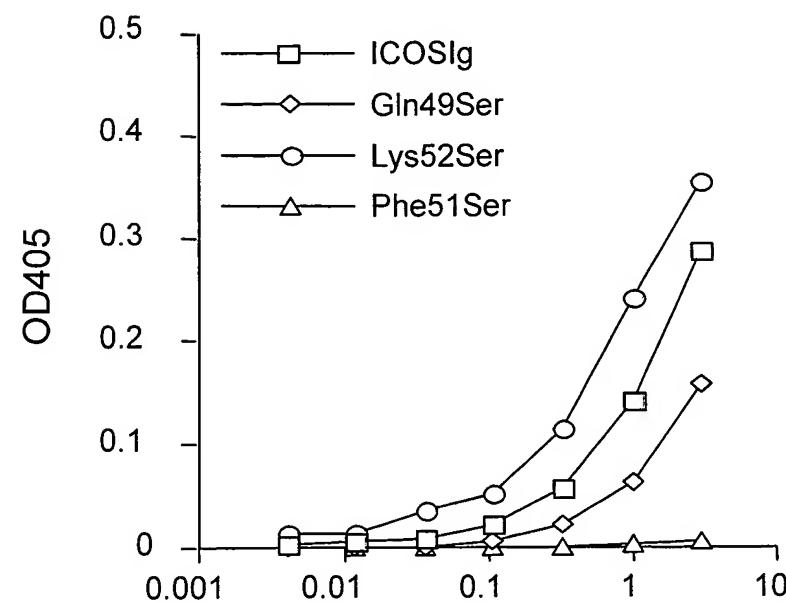


Fig. 3B



Fig. 3C

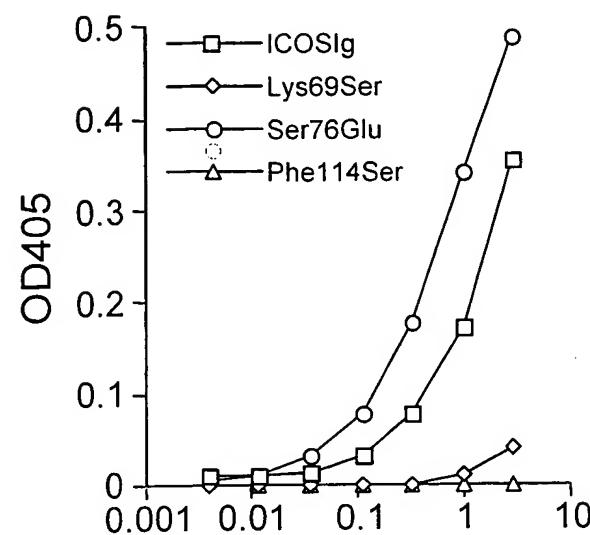


Fig. 3D

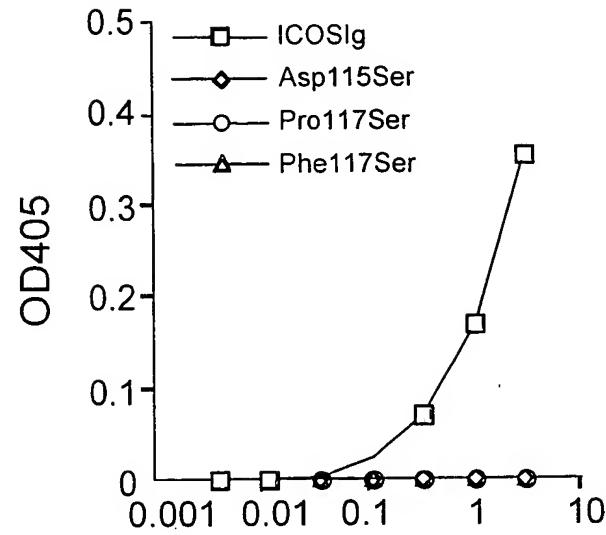


Fig. 3E

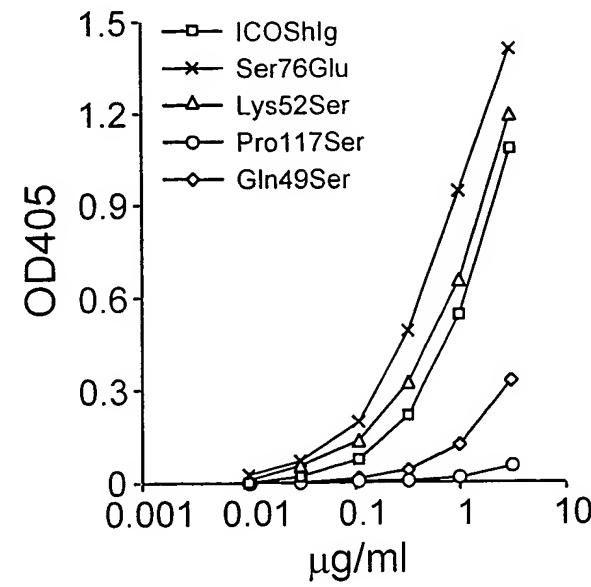




Fig. 4

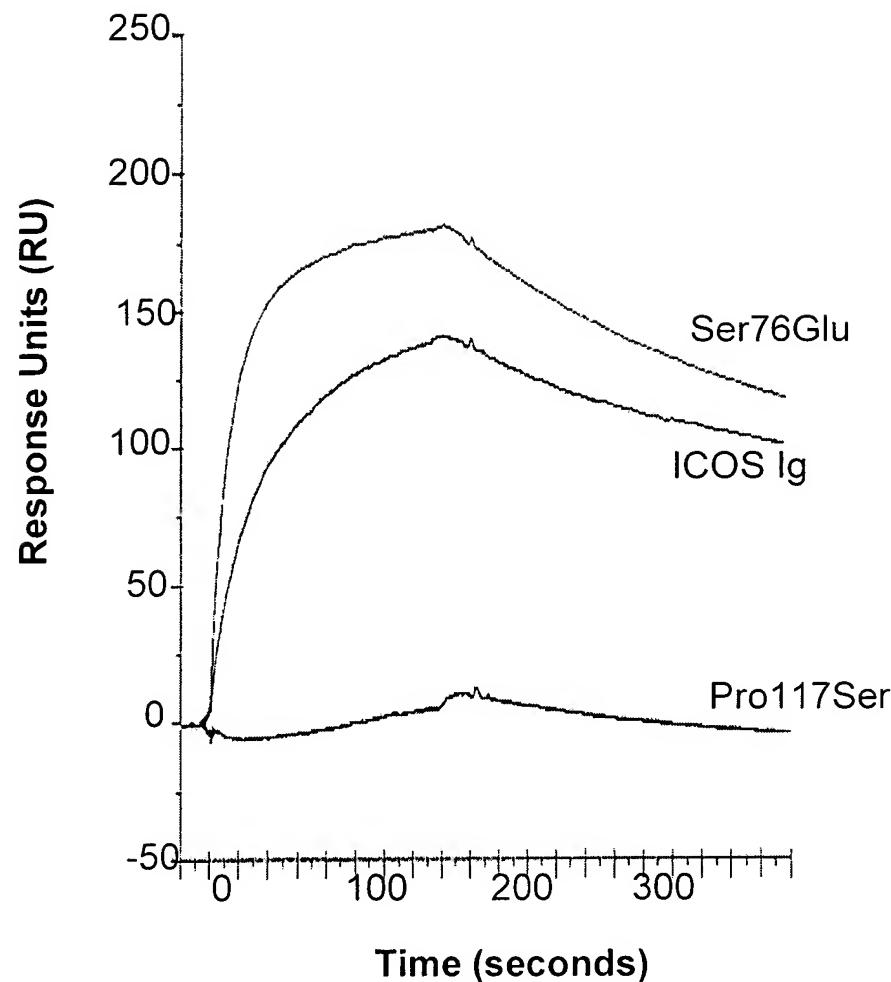




Fig. 5A

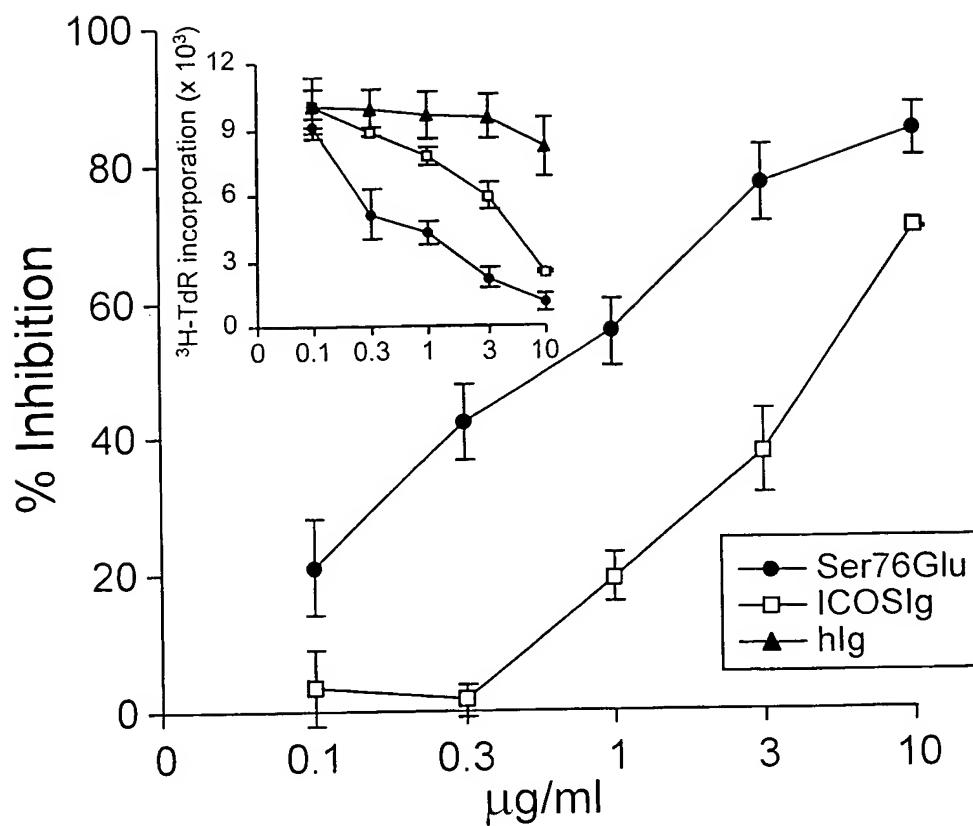




Fig. 5B

